

ABSTRACT

The present invention is intended for realizing a camera system and camera control method whereby wide dynamic-range optimum images can be obtained.

The present invention is characterized by improvements made to a camera system for obtaining optimum images by controlling a compression curve for the dynamic range of an image sensor according to the brightness of a subject.

The camera system comprises an iris for adjusting the amount of light introduced to the image sensor; an iris driver for driving the iris; an iris controller for determining an iris value according to the image data of the image sensor in order to let the iris driver make an iris value correction accordingly; and a dynamic range

adjuster for correcting the compression curve according
to the image data of the image sensor.